

Datasheet for ABIN7274332

**CEACAM1 Protein (AA 35-428) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CEACAM1
Protein Characteristics:	AA 35-428
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM1 protein is labelled with His tag.

## Product Details

Purpose:	Mouse CEACAM-1/CD66a Protein
Sequence:	Glu35-Gly428
Characteristics:	Recombinant Mouse CEACAM-1/CD66a Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu35-Gly428.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	CEACAM1
Alternative Name:	CEACAM-1 ( <a href="#">CEACAM1 Products</a> )

Target Details

Background:	Carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM-1) is the major antigen of the CD66 cluster of granulocyte differentiation antigens. The present study aimed to assess the biological function of CEACAM-1 on the growth of human colorectal cancer (CRC) cells in vitro.
Molecular Weight:	44.7 kDa. Due to glycosylation, the protein migrates to 75-110 kDa based on Tris-Bis PAGE result.

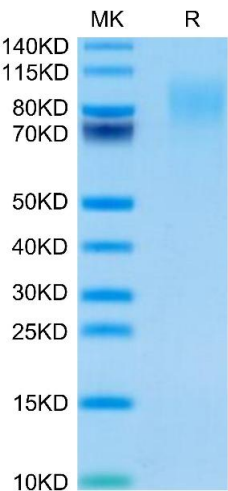
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



**SDS-PAGE**

**Image 1.** Mouse CEACAM-1/CD66a on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse CEACAM-1/CD66a is greater than 95 % as determined by SEC-HPLC.

